

EXHIBIT F

Claim Chart For U.S. Patent 8,185,816

Claim 1	Infringement Analysis
<p>1. A method in a data processing system, comprising the steps of:</p>	<p>Non-limiting preamble. By way of background, the eXtensible Business Reporting Language (XBRL) Reporting standard (see http://www.xbrl.org/Specification/xbrl-recommendation-2003-12-31-2012-01-25.htm) specifies a Report generation and formatting <i>method</i> that uses a set of interrelated XML-Formatted Markup Language (XML)-formatted files containing tagged numerical data <i>in a data processing system</i>. The <i>method</i> specifies:</p> <p>(1) how <i>tagged numerical data</i> items to be formatted in an XBRL Financial Report are identified (a <i>numerical data value</i> that will be reported) related to a <u>Concept</u> (a particular Financial semantic meaning information) in the context of the Taxonomy (a list of <u>concepts</u> to be included in the Report, and a collection of XML-compliant documents (<u>linkbases</u>) that provide additional information (part of the concept definitions) for inclusion in a given XBRL Financial Report Instance Document (see XBRL Essentials https://specifications.xbrl.org/xbrl-essentials.html),</p> <p>(2) how the <i>numerical data</i> items are <i>tagged</i> in the XML-compliant Instance Document file (".xml"), which indicates the content of the Financial Report, to facilitate association with the</p> <ul style="list-style-type: none"> (a) XML-compliant Schema Definition file (with a name ending in ".xsd") which contains semantic meaning information, (b) XML-compliant Label file (with a name ending in "_lab.xml") which indicates the <i>numerical data value</i>, (c) XML-compliant Calculation file (with a name ending in "_cal.xml") which contains information on how to combine information and to determine that the set of XML-compliant documents is correct, (d) XML-compliant Definition file (with a name ending in "_def.xml") relates concepts to <i>numerical data values</i>, (e) XML-compliant Presentation file (with a name ending in "_pre.xml") This linkbase provides information on how to present <i>numerical data values</i> with other concepts so that the resulting relations can guide the creation of a user interface or visualization. <p>(3) how each <i>tagged numerical data</i> item is identified and categorized from the information contained in the XML-compliant Instance Document file and the XML-compliant linkbases referenced linkbases using the <i>tags</i>,</p> <p>(4) how each <i>tagged numerical data</i> item is formatted for display,</p>

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	<p>(5) how each <i>tagged numerical data</i> item is displayed hierarchically in relation to other <i>tagged numerical data</i> items,</p> <p>(6) how an individual <i>tagged numerical data</i> item is combined with other <i>tagged numerical data</i> items to form a “summary” <i>tagged numerical data</i> item based on specified formulas relating to the semantic relationship between the <i>numerical data</i> item’s <i>tag</i> in accordance with information contained in the XBRL Taxonomy associated XBRL Calculation linkbase file, and</p> <p>(7) how the set of interrelated XBRL files are validated to ensure consistency and completeness of the information contained therein.</p> <p>The <u>XBRL Financial Reporting</u> standard specifies that each of the interrelated files comprising a Financial Report are encoded using the eXtensible Markup Language (XML) syntax such that they may be easily manipulated and displayed using standard <i>computer program products</i> such as a World Wide Web browser (e.g., Microsoft Internet Explorer, Apple Safari, Google Chrome, Mozilla Firefox, etc.) that is capable of displaying a set of interrelated XML-compliant documents containing <i>tagged numerical data</i> items and information including formatting, computation formulas and rules required to validate and present the XBRL encoded information in human readable form through the use of a “A method in a data processing system.”</p> <p>Therefore, any preparation, editing and submission of a Financial Report that complies with the <u>XBRL Financial Reporting</u> standard by Mattress Firm would entail use of such “A method in a data processing system.” the actions specified in the XBRL Instance Document and the associated linkbases.</p>
<p>receiving a first markup document and a second markup document, both the first markup document and the second markup document including numerical values and tags reflecting characteristics of the numerical values, wherein the</p>	<p>In accordance with the <u>XBRL Financial Reporting</u> standard as described above, Mattress Firm preparing, editing and generating an XBRL-compliant Financial Report would require “A method in a data processing system comprising the steps of: receiving a first markup document and a second markup document including numerical values and tags reflecting characteristics of the numerical values, wherein the characteristics indicate that the numerical values of the first markup document differ in format from the numerical values of the second markup document.”</p> <p>perform adjustments to the scale factor (e.g., thousands (\$1,000) vs. millions (\$1,000,000)) and generate a <i>numeric data value</i> for the XBRL-compliant Financial Report <u>Instance Document</u>.</p> <p>The Taxonomy contained in the XBRL-compliant <u>Instance Document</u> specifies the specific <i>numeric data values</i> to be included in the Financial Report. Based on the <u>tags</u> associated with each <i>numeric data value</i></p>

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<p>characteristics indicate that the numerical values of the first markup document differ in format from the numerical values of the second markup document;</p>	<p>label and scale factor are obtained from the referenced <u>linkbase</u> files and are used to generate a specified scale factor.</p> <p>Therefore, any preparation, editing and submission of a Financial Report that complies with the <u>Reporting</u> standard by Mattress Firm would require <i>“A method in a data processing system, comprising the steps of: receiving a first markup document and a second markup document, both the first markup document and the second markup document including numerical values and tags reflecting characteristics of the first markup document and the second markup document wherein the characteristics indicate that the numerical values of the first markup document and the numerical values of the second markup document”</i> to perform the actions specified in the <u>Instance Document</u> and the associated linkbases.</p>
<p>automatically transforming the numerical values of at least one of the first markup document and the second markup document, so that the numerical values of the first markup document and the second markup document have a common format;</p>	<p>In accordance with the <u>XBRL Financial Reporting</u> standard as described above, Mattress Firm and generating an XBRL-compliant Financial Report would require <i>“A method in a data processing system, comprising the steps of: ... automatically transforming the numerical values of at least one of the first markup document and the second markup document, so that the numerical values of the first markup document and the second markup document have a common format”</i> in order to perform adjustments to the numerical values (e.g., thousands (\$1,000) vs. millions (\$1,000,000)) as specified for the <i>numeric data value</i> for the <u>Instance Document</u>.</p> <p>The Taxonomy contained in the XBRL-compliant <u>Instance Document</u> specifies the specific <i>numeric data value</i> to be included in the Financial Report. Based on the <u>tags</u> associated with each <i>numeric data value</i>, the label and scale factor are obtained from the referenced <u>linkbase</u> files and are used to generate a specified scale factor.</p> <p>Therefore, any preparation, editing and submission of a Financial Report that complies with the <u>Reporting</u> standard by Mattress Firm would require <i>“A method in a data processing system, comprising the steps of: ... automatically transforming the numerical values of at least one of the first markup document and the second markup document, so that the numerical values of the first markup document and the second markup document have a common format”</i> to perform the actions specified in the <u>Instance Document</u> and the associated <u>linkbases</u>.</p>
<p>combining the first markup document and the second markup</p>	<p>In accordance with the <u>XBRL Financial Reporting</u> standard as described above, Mattress Firm and generating an XBRL-compliant Financial Report would require <i>“A method in a data processing system, comprising the steps of: ... combining the first markup document and the second markup document”</i></p>

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<p>document into a single data set;</p>	<p>data set” in order to perform the adjustments to the scale factor (e.g., thousands (\$1,000) vs (\$1,000,000)) as specified for the <i>numeric data value</i> for the XBRL-compliant Financial Report.</p> <p>The Taxonomy contained in the XBRL-compliant <u>Instance Document</u> specifies the specific <i>numeric data values</i> to be included in the Financial Report. Based on the <u>tags</u> associated with each <i>numeric data value</i>, the label and associated display format are obtained from the referenced linkbase files and are used to generate a single data set as specified in the <u>Instance Document</u>. Where calculated composite <i>numeric data values</i> summarize individual <i>numeric data values</i> with differing scale factors are needed, the Calculation Linkbase generates the combined <i>numeric data values</i> in accordance with the Taxonomy’s specified scale factors.</p> <p>Therefore, any preparation, editing and submission of a Financial Report that complies with the XBRL <u>Reporting</u> standard by Mattress Firm would require “A method in a data processing system, comprising the steps of: ... combining the first markup document and the second markup document into a single data set” to the actions specified in the XBRL Instance Document and the associated linkbases.</p>
<p>and displaying the single data set.</p>	<p>In accordance with the <u>XBRL Financial Reporting</u> standard as described above, Mattress Firm preparing, editing and generating an XBRL-compliant Financial Report would require “A method in a data processing system, comprising the steps of: ... displaying the single data set.”</p> <p>The Taxonomy contained in the XBRL-compliant <u>Instance Document</u> specifies the specific <i>numeric data values</i> to be included in the Financial Report. Based on the <u>tags</u> associated with each <i>numeric data value</i>, the label and associated display format are obtained from the referenced linkbase files and are used to generate a single data set as specified in the <u>Instance Document</u>. Where calculated composite <i>numeric data values</i> summarize individual <i>numeric data values</i> with differing scale factors are needed, the Calculation Linkbase displays the combined <i>numeric data values</i> in accordance with the Taxonomy’s specified scale factors.</p> <p>Therefore, any preparation, editing and submission of a Financial Report that complies with the XBRL <u>Reporting</u> standard by Mattress Firm would require A method in a data processing system, comprising the steps of: ... displaying the single data set” to the results as specified in the XBRL Instance Document and the associated linkbases.</p>

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